


<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office  LIST OF DOCUMENTS CITED BY APPLICANT  (Use several sheets if necessary)	Attorney Docket Number 8194-348IP	Serial No. 09/854,950
	Applicants: Wang et al.	
	Filing Date April 30, 2001	Group

## U. S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
CW	1	5,673,291	9/30/97	Dent	375	262	
CW	2	5,615,209	3/25/97	Bottomley	370	342	
CW	3	5,572,552	11/5/96	Dent et al.	375	343	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes   No
CW	4	0825 727 A1	02/25/98	Europe			
CW	5	0 749 215 A2	12/18/96	Europe			
CW	6	WO 96/10873	04/11/96	PCT			

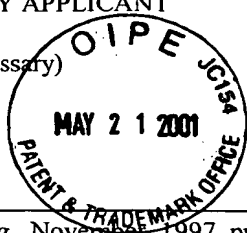
## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CW	7	Adachi et al. "Wideband DS-CDMA for Next-Generation Mobile Communications Systems." <i>IEEE Communications Magazine</i> . September, 1998, pp. 56-59.					
CW	8	Barbosa et al., "Adaptive Detection of DS/CDMA Signals in Fading Channels." <i>IEEE Trans. Commun.</i> Vol. 46, January 1998, pp. 115-124.					
CW	9	Bottomley et al. "Adaptive Arrays and MLSE Equalization." Proc. 1995 IEEE 45 <sup>th</sup> Vehicular Technology Conference (VTC 95). Chicago, July 25-28, 1995, 5 pp.					
CW	10	Bottomley. "Optimizing the Rake Receiver for the CDMA Downlink." Proceedings of the 43 <sup>rd</sup> IEEE Vehicular Technology Conference. Secaucus, NJ, May 18-20, 1993.					
CW	11	Dahlman et al. "UMTS/IMT-2000 Based on Wideband CDMA." <i>IEEE Communications Magazine</i> . September 1998, pp. 70-80.					
CW	12	Davis et al. "A Noise Whitening Approach to Multiple-Access Noise Rejection-Part II: Implementation Issues." <i>IEEE Journal on Selected Areas in Communications</i> . Vol. 14, October 1996, pp. 1488-1499.					
CW	13	Dent et al. "CDMA-IC: A Novel Code Division Multiple Access Scheme Based on Interference Cancellation." in Proc. PIMRC. Boston, MA, October 1992 pp. 4.1.1-4.1.5.					
CW	14	Dinan et al., "Spreading Codes for Direct Sequence CDMA and Wideband CDMA Cellular Networks." <i>IEEE Communications Magazine</i> . September 1998, pp. 48-54.					
CW	15	Duel-Hallen et al. "Multiuser Detection of CDMA Systems." <i>IEEE Personal Communications Magazine</i> . Vol. 2, April 1995, pp. 46-58.					
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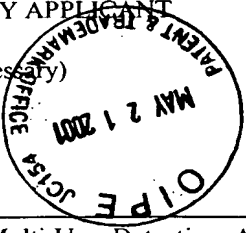
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		<i>Personal Engineering</i> , November, 1997, pp. 57-63.	
CW	18	Harris et al. <i>Handbook of Mathematics and Computer Science</i> . Springer-Verlag Publishing, New York, 1998, pp.456-7.	
CW	19	Hottinen et al. "Multi-User Detection For Multi-Rate CDMA Communications," in Proc. IEEE Int. Conf. Commun. Dallas, TX, June 24-28, 1996.	
CW	20	Jamal et al. "Adaptive MLSE Performance on the D-AMPS 1900 Channel." <i>IEEE Transactions on Vehicular Technology</i> . Vol. 46, August 1997, pp. 634-41.	
CW	21	Juntti, M.J. "Multi-User Detector Performance Comparisons in Multi-Rate CDMA Systems." in Proc. IEEE VTC '98. Ottawa, Canada, May 1998, pp. 31-35.	
CW	22	Juntti, M.J. "System Concept Comparisons for Multi-Rate CDMA Systems with Multi-User Detection." in Proc. IEEE VTC '98, Ottawa, Canada May 1998, pp. 36-40.	
CW	23	Klein. "Data Detection Algorithms Specifically Designed for the Downlink of CDMA Mobile Radio Systems." 1997 IEEE Vehicular Technology Conference. Phoenix, AZ, May 4-7, 1997.	
CW	24	Kohno et al. "Combination of an Adaptive Array Antenna and Cancellor of Interference for Direct-Sequence Spread-Spectrum Multiple-Access System." <i>IEEE Journal on Selected Areas in Communication</i> . Vol. 8, No. 4, May 1990.	
CW	25	Liu et al. "Blind Equalization in Antenna Array CDMA Systems." <i>IEEE Trans. Sig. Proc.</i> Vol. 45, January 1997, pp. 161-172.	
CW	26	Madhow et al. "MMSE Interference Suppression for Direct-Sequence Spread-Spectrum Communication." <i>IEEE Trans. Commun.</i> Vol. 42, December 1994, pp. 3178-3188.	
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CW	29	Monk et al. "A Noise Whitening Approach to Multiple Access Noise Rejection-Part I: Theory and Background." <i>IEEE Journal on Selected Areas in Communications</i> . Vol. 12, June 1994, pp. 817-827.	
CW	30	Muszynski, P. "Interference Rejection Rake-Combining for WCDMA." First Intl. Symposium Wireless Personal Multimedia (WPMC '98). Yokosuka, Japan, pp. 93-98, November 4-6, 1998.	
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CW	32	Ng et al. "A Structured Channel Estimator for Maximum-Likelihood Sequence Detection." <i>IEEE Commun. Letters</i> . Vol. 1, March 1997, pp. 52-55.	
CW	33	Ojanpera et al. "Qualitative Comparison of Some Multi-User Detector Algorithms for Wideband CDMA." in Proc. IEEE VTC '98. pp. 46-50, Ottawa, Canada, May 1998.	
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CW	36	Pateros et al. "An Adaptive Correlator Receiver for Direct-Sequence-Spread-Spectrum Communication." <i>IEEE Trans. Commun.</i> Vol. 44, November 1996, pp. 1543-1552.	
CW	37	Peterson et al. "Introduction to Spread-Spectrum Communications." Prentice Hall International, Inc. 1995, pp. 540-7.	
CW	38	Picinbono, B. "On Circularity." <i>IEEE Trans. Sig. Proc.</i> Vol. 42, December 1994, pp. 3473-3482	
CW	39	Picinbono, B. "Second-Order Complex Random Vectors and Normal Distributions." <i>IEEE Trans. Sig. Proc.</i> Vol. 44, October 1996, pp. 2637-2640.	

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CW	40	Wang et al. "Blind-Multi-User Detection: A Subspace Approach," IEEE Trans. Info. Theory, Vol. 44, No. 2, March 1998, pp. 677-690	
CW	41	Yoon et al. "A Spread-Spectrum Multiaccess System with Cochannel Interference Cancellation for Multipath Fading Channels." IEEE J. Select. Areas in Commun. Vol. 11, No. 7, September 1993, pp. 1067-1075.	
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CW	46	Bottomley et al. "A Generalized RAKE Receiver for Interference Suppression" IEEE Journal Communications, Vol. 18, No. 8, August 2000	
CW	47	Wang et al. "Generalized RAKE Reception for Cancelling Interference from Multiple Base Stations", Proceedings of IEEE VTS Vehicular Technology Conference, Fall, 2000, Boston.	
CW	48	Wong et al. "A Linear Receiver for Direct-Sequence Spread-Spectrum Multiple-Access Systems with Antenna Arrays and Blind Adaptation" IEEE Transactions Information Theory, Vol. 44, No. 2, March 1998	
CW	49	J.W. Harris and H. Stocker, "Handbook of Mathematics and Computer Science," New York, Springer-Verlag, 1998	

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